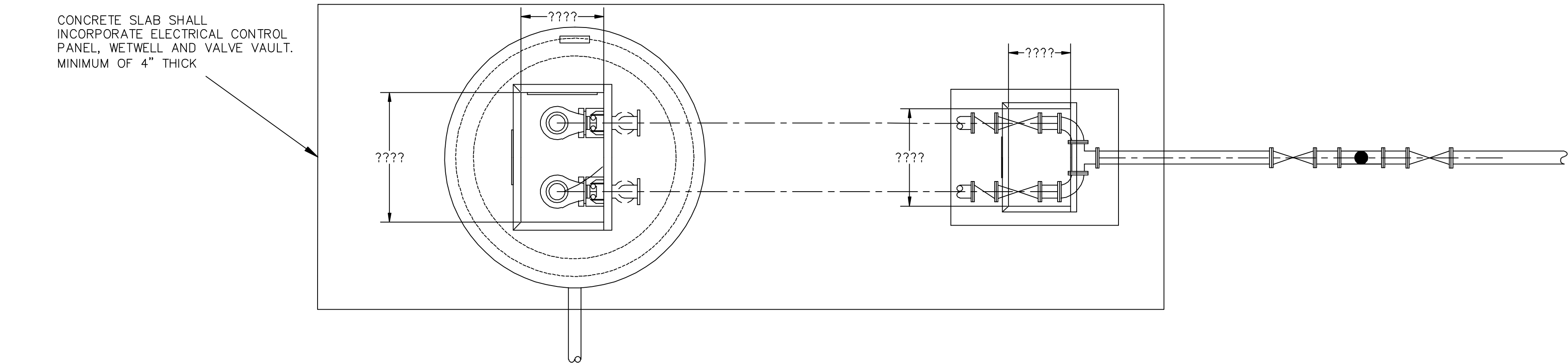


ITEM	ELEVATION PUMP STA.
TOP ELEV. *	
INFLUENT PIPE (INVERT) *	
HIGH WATER ALARM *	
START LEAD PUMP *	
START LAG PUMP *	
PUMP OFF *	
BOTTOM OF WETWELL *	
BOTTOM OF STATION SLAB *	



PUMP STATION — PLAN
NOT TO SCALE

ITEM	VALUE PUMP STA.
DESIGN FLOW **	
DESIGN FLOW (FROM PUMP CURVE) *	
DESIGN HEAD (FROM PUMP CURVE) *	
REQUIRED FLOW ***	
REQUIRED HEAD (TDH) ***	
VOLTAGE ****	480
PHASE	3
HORSEPOWER *	
RPM *	

PREFERED PUMP IS FLYGT (FLYGT, ABS, FAIR BANKS MORSE)

PREFERED GENERATOR IS TRADEWINDS/PERKINS POWER CONTACT (SUR-GEN 910-253-0484)
(TRANWINDS, CUMMINS, CATERPILLAR)

* ENGINEER TO SPECIFIY BASED ON LIFT STATION REQUIRMENTS

** DESIGN FLOW IS DETERMINED FROM THE CALCULATED CONDITIONS SPECIFIED BY THE LOADING (IE. # OF LOTS SERVED)

*** REQUIRED FLOW & HEAD ARE CALCULATED CONDITIONS BASED UPON THE PUMP CURVE

**** VOLTAGE REQUIREMENT (PREFERED 480 VOLTS, 3 PHASE)

???? ENGINEER TO SIZE PUMP STATION WETWELL AND VALVE VAULT AS NEEDED (VALVE VAULT MIN. 6' x 6')

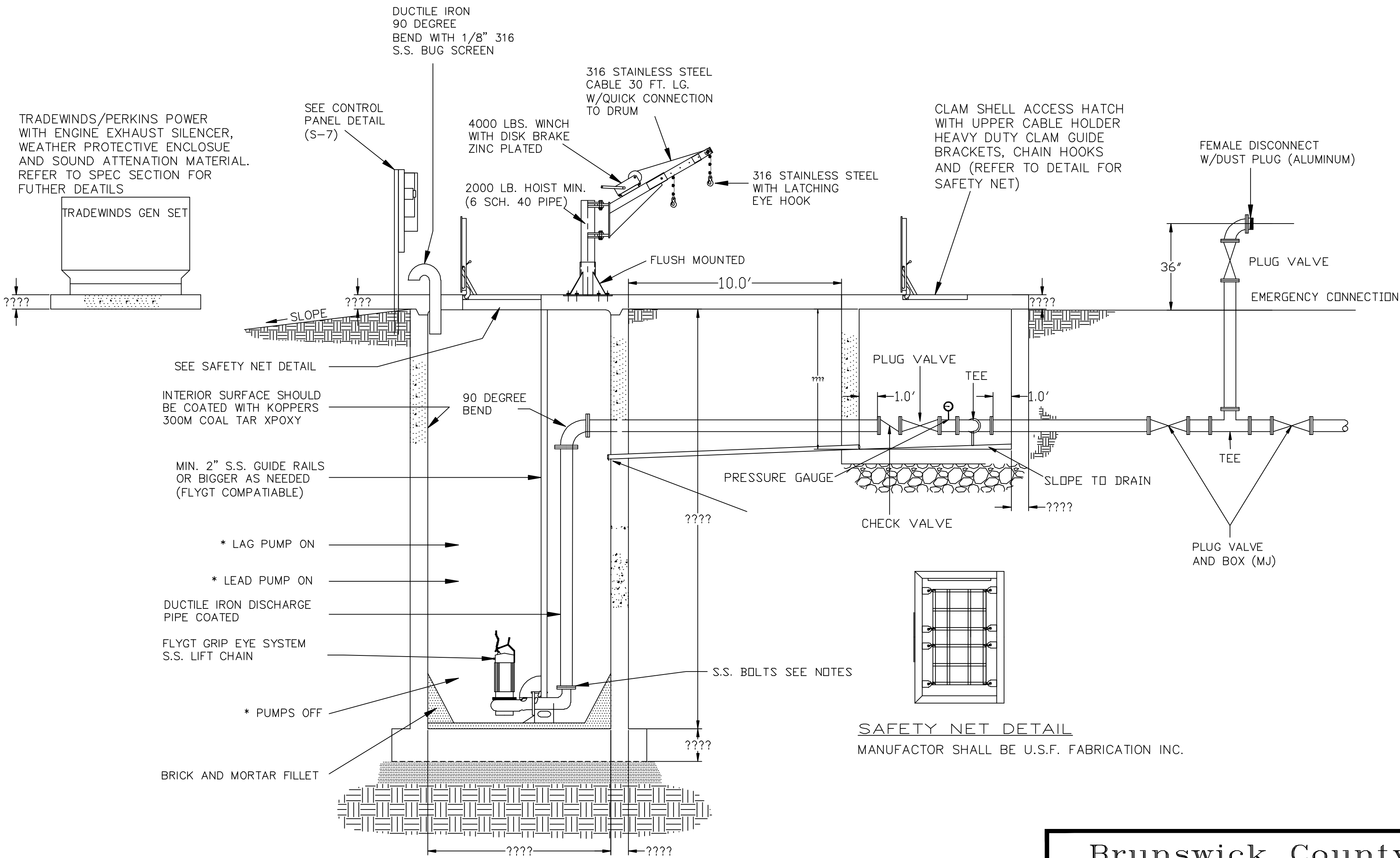
NOTES

PUMP HOIST MANUFACTOR U.S.F FABRICATION INC.
2000 LB. LOAD CAPACITY MINIMUM.

SAFETY NET MANUFACTOR U.S.F FABRICATION INC.

ALL FLANGE BOLTS SHALL BE 316 STAINLESS STEEL BOLTS

PRESSURE GAUGE IN VALVE VAULT SHALL HAVE SHOUT OFF VALVE



PUMP STATION — SECTION
NOT TO SCALE

				TITLE-DESCRIPTION			
				SEWAGE LIFT STATION			
				DETAIL			
				PROJECT		DRAWING NUMBER	
1				BRUNSWICK CO.		S — 6	
NO.	REVISION	DATE	APPROVED BY	SCADA SYSTEM			